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Name of the work : Solid Waste Management Work in Ward No 08.

Contractor/Agency : M/S KRDIL.

Name of the Client : Executive Engineer, Yalahanka Project Division
BBMP, Bangalore.

Estimated Cost : Rs 100.00 Lakhs

Status of Bill : 1st and Final bill

In the Presence of : (a) Mr. Anjaneyalu B.R
Assistant Engineer, BBMP, Bangalore.
: (b) Mr. Naveen Kumar
Assistant Executive Engineer, BBMP, Bangalore
: (c) Mr. Somesh, Site Engineer
M/s Tejus Consultants

Sl. No.	Description of item	Comments/observation
1	KSRB:2.2.1 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBEC Vol. I 2.3.5 (Page no -5, item no - 2.3)	Work done up to the billed quantity and quality is satisfactory
2	KSRB:4.2.2 Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : Vol.I (Page no -8, item no - 3.2)	Work done up to the billed quantity and quality is satisfactory

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	Providing and Filling in foundation with granite / trap broken metal [illegible] specification. No. KBS (Page no -6, item no - 2.15)	Work done up to the billed quantity and quality is satisfactory
	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement [illegible] and down size graded granite metal coarse aggregates @ [illegible] fine aggregates @ 465 cum machine mixed, machine mixed,concrete [illegible] not exceeding 15 cms, thick well compacted, in foundation and plinth, [illegible] cost of all material, labour HOM Machinery curing complete as per [illegible] (Page. No. 12 Item No. 4.2)	Work done up to the billed quantity and quality is satisfactory
	Providing and constructing granite / trap / basalt size stone masonry in [illegible] with cement mortar 1:6, stone hammerd dressed in courses not less than [illegible] high bond stones at two m. apart in each course including cost of materials, [illegible] curing complete as per specifications. KBS 5.1.13 (Page. No. 23 Item No. [illegible]	Work done up to the billed quantity and quality is satisfactory
	Providing flush pointing to square rubble, course or uncoursed stone [illegible] with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm [illegible], including cost of materials, labour, curing complete as per specifications. [illegible] No.15.1 of PWI, P&IWTD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
	Providing and removing centering, shuttering, strutting, propping etc., [illegible] of form work for foundations, footings, bases of columns for mass [illegible] including cost of all materials, labour complete as per specificaitons. [illegible] KBS 4.6.2 (Page No : 15, item No : 4.28)	Work done up to the billed quantity and quality is satisfactory
	Providing and removing centering, shuttering, strutting, propping etc., [illegible] of form work for vertical surface such as walls at any thickness, including [illegible], buttresses, plinth cills and string courses cost of all materials, [illegible] as per specifications. Specification No. KBS 4.6.2 (Page No : 15, [illegible]	Work done up to the billed quantity and quality is satisfactory
	Providing and removing centering, shuttering, strutting, propping etc., [illegible] of form work for suspended floors, landings, balconies and likes, [illegible] upto 200 mm including cost of all materials, labour complete as per [illegible] for heights more than 3.50m from ground level. Specification No. KBS [illegible] Page No: 15, Item No : 4.29)	Work done up to the billed quantity and quality is satisfactory
	Providing and removing centering, shuttering, strutting, propping etc., [illegible], pillars, post and struts, square / rectangular/ polygon in plan including [illegible] of all materials, labour complete as per specifications. Specification No. KBS [illegible] Page No: 16, Item No : 4.32)	Work done up to the billed quantity and quality is satisfactory

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	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticizers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks in plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS(4.11, 4.6) (Page No : 13, item No : 4.11)	TEJUS CONSULTANTS Work done up to the billed quantity and quality is satisfactory
	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No: 4.4.2)	Work done up to the billed quantity and quality is satisfactory
	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PWD/BWSSB/CPWD/SSR 2016-17)	Work done up to the billed quantity and quality is satisfactory
	Filling available excavated earth (excluding rock) in sides of foundations plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS (Page No : 6, item No: 2.1.0)	Work done up to the billed quantity and quality is satisfactory
	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No(5.27.2) (Page No: 25, item No : 5.27.2)	Work done up to the billed quantity and quality is satisfactory

	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No: 15.20)	Work done up to the billed quantity and quality is satisfactory
	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications..(Page No.113, Item No.15.10)	Work done up to the billed quantity and quality is satisfactory
	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (PWD South Zone, BangaloreSR 2016-17 - Item No. – 15.27, Page No.114)	Work done up to the billed quantity and quality is satisfactory
	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly cleaning the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. –with primer. (P. No. 118, I.No. 15.53.2).	Work done up to the billed quantity and quality is satisfactory
	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications with primer. (Page No : 117, item No :15.51.2)For internal walls.	Work done up to the billed quantity and quality is satisfactory
	Flooring with 20 mm thick polished shahabad slabs using cement mortar 1:3 20mm thick over existing cement concrete bed or top of roof laid to line level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS (PWP&IWTD South Zone, BangaloreSR 2016-17 - Item No. – 14.16, Page No.103)	Work done up to the billed quantity and quality is satisfactory
	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, fixed jointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick (Page No : 106, item No :14.36.3)	Work done up to the billed quantity and quality is satisfactory

Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, neat pointing with white cement using colour pigment , including cost of materials, labour, cutting, complete as per specifications. - for Ceramic Tiles of size 30x30cms (Per Sqm) (P.No.105, I.No. 14.36.2 of PWD SR 2015-16)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. The recommended jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal (Per Rmt) (P.No.96, I.No. 13.86.2 of PWD SR 2015-16)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. The recommended jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal (Per Rmt) (P.No.96, I.no.13.86.3 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(Per 1000 litre capacity) Specification No.KBS 13.22 (P.no.94, I/no.13.22 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I/No. 12.44 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I/No. 12.111 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Distern in M-15 as per directions (Rate is inclusive of cost of materials and labours and conveyance of materials to work spot). - 10cms x 7.5cms (Per No) (I/No.12.113.1 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory

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	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.91/ I.No. 13.24 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 (P.No. 91, I.No. 13.33 of CSR 2016-17)	Work done up to the billed quantity and quality is satisfactory
	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm internal dimensions, total weight of cover with frame to be not less than 200kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete (M 15) with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73 I.No.11.50.2 of PWD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory
	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 to 440mm with integral type footrests, 100mm S or P trap, 10 litre low level PVC flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with 32mm mosquito proof coupling of approved design, painting of fittings cutting and making good the wall and floor wherever required, including all materials, labour complete as per specifications. Specification No. KBS 11. (P.No.77 I.No.11.22 of PWD SR 2015-16)	Work done up to the billed quantity and quality is satisfactory

Providing and fixing white vitreous china clay, water closet European (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, 10 litre low level, P.V.C flushing cistern (all are approved make) with M.S brackets, 40mm diameter flush bend with fittings and clamps, with special and 25mm mosquito proof coupling of approved painting of fittings and brackets, cutting and making good the wall and floor required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.no.77, I.no.12.5 of PWD SR 2015-16)	TEJUS CONSULTANTS Work done up to the billed quantity and quality is satisfactory
Providing and fixing white vitreous china clay, flat back wash basin with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 waste of standard pattern, painting of fittings and brackets, cutting and the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.no.80, I.no.12.23 of CSR	Work done up to the billed quantity and quality is satisfactory
Providing and fixing pull and push type rolling shutters of approved make gauge, 75mm wide cold rolled steel laths of convex corrugation, with side and bottom rail, with interlocking arrangements for steel laths by means of suspension shaft with High tension coil type springs two numbers, on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations including pulling hooks, 4Nos. handles with all fittings and accessories, with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification No. KBS 7.10 / 7.12. (P.No. 31, I.No. 7.5 of CSR 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing M.S.grill work for windows and ventilators weighing using M.S. flats, or M.S. square rods, or combination of M.S. flats and rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.10 (P.No. 32, I.No. 7.9 of PWD SR 2015-16) (Page No : 32, item No :7.9	Work done up to the billed quantity and quality is satisfactory

Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and 300mm size. The work includes cutting, straightening, placing in position of M.S angle with welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 40 Item No. 7.29 of CSR 2015-16).	Work done up to the billed quantity and quality is satisfactory
PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm rib height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The base metal thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses..(Page No : 300, item No :38.30)	Work done up to the billed quantity and quality is satisfactory
Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 50x50x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast 600mm length 25 cms. including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork mentioned in Sl.No.282 No.37.2 of PW,P&IWTD SR of 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (Provided vide Sl.No.37.3 in PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory

Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two vertical poles (M.S. rectangular poles) and spot welding the chain link with M.S. block bars including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (PWD Item No.37.4 of PW,P&IWTD SR of 2016-17)	TEJUS CONSULTANTS Work done up to the billed quantity and quality is satisfactory
Door Shutters Entrance : Providing & fixing factory made Galvanized steel door Shutters 32 mm thick manufactured from pre- painted Galvanized plain steel sheet 0.80 mm thick conforming to the IS: 14246. The door shutters consist of two outer skins of steel sheets, lock seam jointed at vertical stile edges, horizontal top & bottom rails to form a double skin fully flush shell. Rigid polyurethane Foam (PUF) of density 40 Kg/M3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60 mm to be provided for fixing all hardware fixtures. Size - 900 x 2000 x 32 mm Thick The rate is including MS Doorlock, MS Aldrop, 2nos of oxidised MS Handles, 2nos. of 300mm longTower Bolt, (PWD South Zone, BangaloreSR 2016-17 - Item No. - 38.50.1, Page No.314)	Work done up to the billed quantity and quality is satisfactory
Door Frame Entrance : Providing & fixing factory made Galvanized plain steel door frame of profile size 125 x 60 mm single rebate manufactured from galvanized plain steel sheet 1.25 mm thick, conforming to IS:277. The door frame consists of hinge jamb, lock jamb, head & bottom tie bars, supply in knockdown condition & to be assembled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60 mm thick pressed angle 20 x 20 mm welded to the door frame. The stiffeners of 3 mm thick pre- punched & pre-trapped welded inside the pre-punched slots of the door frames & 4 nos. of S.S. butt hinges 100 x 65 x 2.5 mm to be screwed to the door frame. The necessary stiffeners & cleats/ gussets to be provided for fixing hardware fixtures. The door frame to be powder coated after pre- treatment of the surface. The door frame shall be filled with 1:2:4 cement concrete & to be fixed with adjustable lugs/ hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. size 1000 x 2100 mm, (PWD South Zone, BangaloreSR 2016-17 - Item No. - 38.49.1, Page No.313)	Work done up to the billed quantity and quality is satisfactory

Clearing and grubbing road land including uprooting rank vegetation, [illegible] shrubs, saplings and trees of girth upto 300mm, by manual means, in [illegible] jungle, removal of stumps, disposal of unserviceable materials, stacking [illegible] materials labour charges complete as per specifications. MORTH / [illegible] No.108, I.No.18.11 of PW, P&IWTD SR 2016-17	Work done up to the billed quantity and quality is satisfactory
Excavation for roadwork in soil with hydraulic excavator of 0.90 [illegible] capacity including cutting and loading in tippers, trimming bottom and [illegible] in accordance with requirements of lines, grades and cross sections, and [illegible] to embankment location and complete as per specifications. MORTH [illegible] (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
Water Bound Macadam KSRRB M400-14.1. Providing, laying, [illegible] and compacting crushed stone aggregates of granite / trap / basalt specific [illegible] to water bound macadam specifications including spreading in uniform [illegible] hand packing, rolling with 3- wheeled steel/vibratory roller 8-10 tonnes in [illegible] to proper grade and camber, applying and brooming requisite type of [illegible] materials to fill up the interstices of coarse aggregates, watering [illegible] to the required density complete as per Specification. A. By mannual [illegible] Specification No. 404 - Type A 13.2mm for grading II (P.No.157 [illegible])	Work done up to the billed quantity and quality is satisfactory
Providing and laying heavy duty cobble stones 75mm thick interlock [illegible] using cement and course sand for manufacture of blocks of approved size, [illegible] and colour with a minimum compressive strength of 281 kg per sqm over [illegible] bed (average thickness) and compacting with plate vibrator having [illegible] compaction force thereby forcing part of sand underneath to come up in [illegible] joints, final compaction of paver surface joints into its final level, including [illegible] materials, labour and HOM of machineries complete as per specifications. [illegible] (P.No.101 of I.No.14.7 in PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and fixing polished grey granite slab benches approved by Engineer in [illegible] (as approved rate)	Work done up to the billed quantity and quality is satisfactory
Construction of Median and island above road level with approved [illegible] obtained from borrowpits, spread, sloped and compacted as per Clause [illegible] complete as per specifications. MORTH Specification No.407 (P.No155 of [illegible] SR 2016-17)	Work done up to the billed quantity and quality is satisfactory

Providing and laying RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished kerbs on both sides etc, complete and as per drawing and the directions of Engineer-in-charge. (Data Rate)	Work done up to the billed quantity and quality is satisfactory
Providing and laying pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete (P.No.262 of I.No.5.30 in PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quality is satisfactory
Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 122 / Item No. Item No. 15.80, PWD SR 2016-17	Work done up to the billed quantity and quality is satisfactory
Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat emulsion paint of approved brand to give even shade after cleaning the surface of all dirt, efflorescence and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.Page No. 122 / Item No. Item No. 15.81, PWD SR 2016-17	Work done up to the billed quantity and quality is satisfactory
Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge. Data rate	Work done up to the billed quantity and quality is satisfactory
Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 3 meters and an average lift upto 0.5 m, excavated surface leveled and sides made vertical, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, 2016-17	Work done up to the billed quantity and quality is satisfactory
Providing and laying stone slabs of drains and pointing in CM (1:3) (P.No.27, I.No.5.31.2 PW,P&IWTD SR 2017-18)	Work done up to the billed quantity and quality is satisfactory
Providing paving Slabs of Selected quality roughly dressed and fixed in cement mortar (1:3) including laying curing etc,. Complete. 7.5cms thick (P.No.27, I.No.5.31.2 PW,P&IWTD SR 2016-17)	Work done up to the billed quantity and quality is satisfactory

Providing and Constructing precast concrete solid blocks with strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (cement, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to IS:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications (P.No.25, I.No.5.26.2 of PWD SOR 2016-17)	Work done up to the billed quantity and quality is satisfactory
Sand Filling in Foundation Trenches as per Drawing & Technical Specification No. 304	Work done up to the billed quantity and quality is satisfactory
wire without switch	Work done up to the billed quantity and quality is satisfactory
adopting loop system in existing PVC Conduit / casing caping copper conductor flecxible multistrand FRLS PVC insulated, cable confirming to the GTP without switch, the other end of the wires with sufficient loose length in a wood/ PVC round block.complete	Work done up to the billed quantity and quality is satisfactory
Materials	Work done up to the billed quantity and quality is satisfactory
from tapping point to outlet via switch box.KPWD SR 14-15 Page No2-2.3.1-5	Work done up to the billed quantity and quality is satisfactory
upto 6.0M from tapping point to outlet via switch box Chap No, Item No, Page No2-2.3.2-5	Work done up to the billed quantity and quality is satisfactory
above 3.0M upto 6.0M from tapping point to outlet via switch Chap No, Item No, Page No2-2.3.4-5	Work done up to the billed quantity and quality is satisfactory
above 6.0M upto 10.0M from tapping point to outlet via Chap No, Item No, Page No2-2.3.5-5	Work done up to the billed quantity and quality is satisfactory
mounting powder coated / galvanized metal box suitable for switch plates. The box should be firmly flush mounted after due C.Wall	Work done up to the billed quantity and quality is satisfactory
Chap No, Item No, Page No3-3.5.1-15	Work done up to the billed quantity and quality is satisfactory

SR 14-15 Chap No, Item No, Page No3-3.5.2-15	Work done up to the billed quantity and quality is satisfactory
superior quality modular switch mounting polycarbonate plate supporting back plate with required nos. of machine screws, bolts nuts on the existing metal/PVC box.	Work done up to the billed quantity and quality is satisfactory
SR 14-15 Chap No, Item No, Page No3-3.6.1-16	Work done up to the billed quantity and quality is satisfactory
SR 14-15 Chap No, Item No, Page No3-3.6.2-16	Work done up to the billed quantity and quality is satisfactory
of modular switch/socket/stepped electronic fan telephone socket etc on existing modular switch plate as per IS	Work done up to the billed quantity and quality is satisfactory
	Work done up to the billed quantity and quality is satisfactory
Item No, Page No3-3.7.1-16	Work done up to the billed quantity and quality is satisfactory
Item No, Page No3-3.7.2-16	Work done up to the billed quantity and quality is satisfactory
Item No, Page No3-3.7.3-16	Work done up to the billed quantity and quality is satisfactory
Item No, Page No3-3.7.4-16	Work done up to the billed quantity and quality is satisfactory
	Work done up to the billed quantity and quality is satisfactory
heavy guage PVC conduit pipe following thick with suitable PVC junction boxes, adhesive paste etc, by groove cutting in the U or J hooks and cement plastering upto the surface of the with 18SWG GI fish wire run through out the conduit where ever	Work done up to the billed quantity and quality is satisfactory

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Item No, Page No1-1.3.1-2	Work done up to the billed quantity and quality is satisfactory
Item No, Page No1-1.3.2-2	Work done up to the billed quantity and quality is satisfactory
circuit using one of FRLS PVC insulated 1100v grade, conductor resistance single core wire in open or consealed specified IS-694:1990 & confirming to GTP of Group-A.	Work done up to the billed quantity and quality is satisfactory
Page No2-2.5.2-6	Work done up to the billed quantity and quality is satisfactory
Page No2-2.5.3-6	Work done up to the billed quantity and quality is satisfactory
Page No2-2.5.4-6	Work done up to the billed quantity and quality is satisfactory
regular MCCB distribution Panel confirm to IS 8828, on wall/ mounting using required clamps,bolts, nuts etc., with provision for capacity MCCB's as an incomer for 3 phase Double door with completely wired to use on 440Volts 3Phase 4wire powder coated with a provision for fixing of single /three phase suitable outgoings confirm to IS8828.	Work done up to the billed quantity and quality is satisfactory
Page No6.14.4 page 54	Work done up to the billed quantity and quality is satisfactory
Moulded Case Circuit Breaker (MCCB) over the existing using necessary screws, bolts, nuts and wiring complete. and short circuit with the thermal magnetic/micro processor per IS -13947 (Icu=Ics)	Work done up to the billed quantity and quality is satisfactory
Item No, Page No6.12.1 page 53	Work done up to the billed quantity and quality is satisfactory
regular MCB distribution boards on wall/woodboard/flush required clamps, bolts, nuts etc., with provision for fixing suitable type phase/3 phase/single door with powder coated painting etc., enclosure.	Work done up to the billed quantity and quality is satisfactory

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Single Door	Work done up to the billed quantity and quality is satisfactory
SP &N Item No, Page No6.16.3 page 54	Work done up to the billed quantity and quality is satisfactory
fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) upto 300mA sensitivity on exisiting wood/panel board.	Work done up to the billed quantity and quality is satisfactory
2 pole Item No, Page No6.17.1	Work done up to the billed quantity and quality is satisfactory
4 pole Item No, Page No6.14.3	Work done up to the billed quantity and quality is satisfactory
fixing miniature circuit breakers on existing MCB distribution boards fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 circuit breaking capacity of 10K and complete wiring as required. IEC 60898.	Work done up to the billed quantity and quality is satisfactory
SP MCB Group A Item No, Page No6-6.16.1-47	Work done up to the billed quantity and quality is satisfactory
LED PVC square batten 28Watts with high quality diffuser with life of hours & 70% lumen maintanance with CRI > 80. Power input: 220- & power factor > 0.9 along with CE approved drivers. 5years warranty manufacturing defect working under standard electrical condition.	Work done up to the billed quantity and quality is satisfactory
Item No, Page No4-4.29.2-27	Work done up to the billed quantity and quality is satisfactory
PBBC bakelite straight or slant batten holder and wiring with Item No, Page No4-4.2-20	Work done up to the billed quantity and quality is satisfactory
18W CFL lamp Item No, Page No4-4.38.18-30	Work done up to the billed quantity and quality is satisfactory
CFL Mirror light fitting with 1x11W CFL lamp, choke, perspex cover and for use on 230V 50Hz AC Supply Item No, Page No4.23-24	Work done up to the billed quantity and quality is satisfactory

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